

**Claims:**

What is claimed is:

1. A system including an integrated development environment for use with a JMS mark-up language, comprising:  
an integrated development environment that includes a graphical user interface that executes on a client machine and allows a user to edit and modify markup language programs that access JMS interfaces.
2. The system of claim 1 wherein the markup language is JMSML.
3. The system of claim 1 wherein the graphical user interface includes a source editor that allows a user to enter programs as XML code.
4. The system of claim 1 wherein the graphical user interface includes a design editor and a set of toolbars that allow a user to generate XML source code by visually assembling JMS commands.
5. The system of claim 2 wherein the graphical user interface includes a source editor that allows a user to enter JMSML programs as XML code.
6. The system of claim 2 wherein the graphical user interface includes a design editor and a set of toolbars that allow a user to generate JMSML XML source code by visually assembling JMSML commands.
7. The system of claim 1 further comprising

a parser that parses said program and communicates said markup language components to a command processor; and,

a command processor that converts the markup language components into one of JMS or JMX system operations.

8. The system of claim 7 wherein said parser and said command processor comprise an engine that parses markup language components and source files and generates corresponding JMS or JMX commands.

9. The system of claim 1 wherein said integrated development environment is used to communicate said markup language components to said remote server via a wide area network or the Internet.

10. A method of using an integrated development environment with a JMS mark-up language, comprising:

providing an integrated development environment that includes a graphical user interface that executes on a client machine; and,

accepting commands from a user to edit and modify markup language programs that access JMS interfaces.

11. The method of claim 10 wherein the markup language is JMSML.

12. The method of claim 10 wherein the graphical user interface includes a source editor that allows a user to enter programs as XML code.

13. The method of claim 10 wherein the graphical user interface includes a design editor and a set of toolbars that allow a user to generate XML source code by visually assembling JMS commands.

14. The method of claim 11 wherein the graphical user interface includes a source editor that allows a user to enter JMSML programs as XML code.

15. The method of claim 11 wherein the graphical user interface includes a design editor and a set of toolbars that allow a user to generate JMSML XML source code by visually assembling JMSML commands.

16. The method of claim 10 further comprising:

parsing said program and communicating said markup language components to a command processor; and,

converting the markup language components into one of JMS or JMX system operations.

17. The method of claim 16 wherein said parser and said command processor comprise an engine that parses markup language components and source files and generates corresponding JMS or JMX commands.

18. The method of claim 10 wherein said integrated development environment is used to communicate said markup language components to said remote server via a wide area network or the Internet.